

20010625.qrp v02_n231.qrl.20010625

Date: Mon, 25 Jun 2001 19:03:15 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2231

QRP-L Digest 2231

Topics covered in this issue include:

- 1) [100800] FD with the FT-817
by Jim Cluett <w1pid@yahoo.com>
- 2) [100801] The Wasn't Field Day That Was
by Joe Reed <joe@n9jr.dyndns.org>
- 3) [100802] dual-band "gusher" dipole
by "Joe Everhart" <n2cx@voicenet.com>
- 4) [100803] Re: Solar/Propagation for FD
by N1EU <n1eu@yahoo.com>
- 5) [100804] FD 2001 with a QRO Club
by Larry Cahoon <lejek@erols.com>
- 6) [100805] FD Solar Style
by Larry Cahoon <lejek@erols.com>
- 7) [100806] Re: dual-band "gusher" dipole
by "Winston F. Jones" <winjones@ix.netcom.com>
- 8) [100807] Field Day
by Bruce Rattray <rattray@gpfn.sk.ca>
- 9) [100808] Poqet PC Cables
by "Mark Fancher" <mmfancher@earthlink.net>
- 10) [100809] Re: dual-band "gusher" dipole
by "Joe Everhart" <n2cx@voicenet.com>
- 11) [100810] Q. When is a Warbler not a Warbler? A. While it's being fed CW...
by "William Mabry" <n4qa@hotmail.com>
- 12) [100811] FD - Solar Power- 2W
by PTSMANTUA@aol.com
- 13) [100812] psk80 no signal-- update #2
by Nancy Rabel Hall <kc4iyd@yahoo.com>
- 14) [100813] Re: dual-band "gusher" dipole
by N1EU <n1eu@yahoo.com>
- 15) [100814] Re: dual-band "gusher" dipole
by Michael Bower <bowerm@ix.netcom.com>
- 16) [100815] Juno Problems Gone
by wb2vuo@juno.com
- 17) [100816] Re: Field Daze
by "N7SG K7FD" <k7fd@hotmail.com>
- 18) [100817] Hex Beam
by "Stuart Satrun" <kc8lah@hotmail.com>
- 19) [100818] [MH101] Update

- by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 20) [100819] Trade New Golf Clubs For Radio
by "Mark M." <markem@cervnet.com>
- 21) [100820] Field Day 2001 - NVQS ... with pride (moderately long)
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 22) [100821] KI6DS Extra Stuff Sale (LONG)
by "Doug Hendricks" <ki6ds@dospalos.org>
- 23) [100822] Re: Odd intference on 40 mtrs. during FD
by "Marty Purselley" <ranchonodinero@earthlink.net>
- 24) [100823] TWPSK
by moglesto@ecentral.com
- 25) [100824] KI6DS Excess Stuff Sale sold items list:
by "Doug Hendricks" <ki6ds@dospalos.org>
- 26) [100825] Re: Field Day
by "Dave Fifield" <ad6a@earthlink.net>
- 27) [100826] Midnight QRP Magic
by "N7SG K7FD" <k7fd@hotmail.com>
- 28) [100827] Re: Midnight QRP Magic
by "Trevor Jacobs" <fxtech@earthlink.net>
- 29) [100828] Re: dual-band "gusher" dipole
by n2cx@voicenet.com
- 30) [100829] RE: QRZ is back and explains what happened...
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 31) [100830] K2 Sold
by Tim and Nancy Logan <cyr999@extremezone.com>
- 32) [100831] John (KB1ENS) passed his Extra
by Macstein@aol.com
- 33) [100832] mW FD
by "Jim" <sunwatt@starband.net>
- 34) [100833] Re: [NVQS] Field Day 2001 - NVQS ... with pride (moderately long)
by John Wagner <john@neknetwork.com>
- 35) [100834] Re: Code practice on our frequency
by Bill Coleman <aa4lr@arrl.net>
- 36) [100835] Keyer Question
by N1EU <n1eu@yahoo.com>
- 37) [100836] Re: Keyer Question
by "Ingo DK3RED" <dk3red@t-online.de>
- 38) [100837] Re: John (KB1ENS) passed his Extra
by "Brian Murrey" <bmurrey@amexol.net>
- 39) [100838] Was: Code practice on... Now: Define CW
by "Mike Yetsko" <myetsko@insydesw.com>
- 40) [100839] RE: Odd intference on 40 mtrs. during FD
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 41) [100840] Re: John (KB1ENS) passed his Extra
by Bruce Rattray <rattray@gpfn.sk.ca>
- 42) [100841] Not able to post
by "Alex Turner" <aturner13@triad.rr.com>
- 43) [100842] Re: Keyer Question

- by N1EU <n1eu@yahoo.com>
- 44) [100843] Re: Field Daze: Report from the N6WG group
by agtaylor@llnl.gov
- 45) [100844] RE: Odd inference on 40 mtrs. during FD
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 46) [100845] Re: Not able to post
by "Alex Turner" <aturner13@triad.rr.com>
- 47) [100846] FD W0CQC
by "al dawkins" <alk0frp@home.com>
- 48) [100847] Ferite toroidal cores
by "Patrick Cummins" <pcummins@misnet.com>
- 49) [100848] K5DP Philmont Backpacking Trek, July 1-11
by "Miller, Mark G" <mark.miller@mcaap.army.mil>
- 50) [100849] Re: Ferite toroidal cores
by "George, W5YR" <w5yr@att.net>
- 51) [100850] Re: Not able to post
by "Ingo DK3RED" <dk3red@t-online.de>
- 52) [100851] Re: Ferite toroidal cores
by "ZOOM" <kandrparker@sympatico.ca>
- 53) [100852] Re: K5DP Philmont Backpacking Trek, July 1-11
by MikeHeit@aol.com
- 54) [100853] Re: Keyer Question
by "Tony Fishpool" <g4wif@btinternet.com>
- 55) [100854] Re: Ferite toroidal cores
by "Ingo DK3RED" <dk3red@t-online.de>
- 56) [100855] Re: Not able to post
by "Mike Yetsko" <myetsko@insydesw.com>
- 57) [100856] PCB Board Wanted:
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 58) [100857] Classic QRP FS
by Bob cutter <ki0g@yahoo.com>
- 59) [100858] KI6DS HUGE Sale updated list (Short, grin)
by "Doug Hendricks" <ki6ds@dospalos.org>
- 60) [100859] RE: FD W0CQC
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 61) [100860] Re: Hex Beam
by "Mark J. Dulcey" <mark@buttery.org>
- 62) [100861] Milliwatt FS
by Bob cutter <ki0g@yahoo.com>
- 63) [100862] FS: MC-60 Microphone
by "Phinizy, William" <wphinizy@filenet.com>
- 64) [100863] Shortened Doublet
by ARDUJENSKI@aol.com
- 65) [100864] New Email addr
by "Tom Whalen" <wb5qyt@hotmail.com>
- 66) [100865] Re: Shortened Doublet, Lengthened Doublet
by "ss lyon" <sslyon@megalink.net>
- 67) [100866] Re: Shortened Doublet

- by "George, W5YR" <w5yr@att.net>
68) [100867] Virulent threads
by "Bob Hightower" <nk7m@extremezone.com>
69) [100868] RE: Odd intference on 40 mtrs. during FD
by "Phil (VA3UX)" <phil@vaxxine.com>
70) [100869] Re: Shortened Doublet
by George Franklin <w0av@juno.com>
71) [100870] FOX: Summer Hunt Starts Thursday!
by "Marshall Emm" <mgemm@mttechnologies.com>

Date: Sun, 24 Jun 2001 16:20:02 -0700 (PDT)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [100800] FD with the FT-817
Message-ID: <20010624232002.70418.qmail@web11605.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Field Day with the FT-817

I operated only with the FT-817 this year in Field Day.
I participated with our 7A QRO club. and I was amazed with the FT-817 performance. I opereated only CW on 40, 20 and 15 meters. The performance of my setup was indistinguishable from the QRO stations.

- 1) Stations always heard me and answered.
- 2) I was asked for very few repeats.
- 3) I didn't get blasted by other stations on the field.
- 4) I didn't get blasted by stations near my operating frequency.
- 5) I had a pretty whackey antenna. It was a random wire with a counterpoise... but it was also an OCF dipole with open wire feed. I had about 100 feet of wire sloping up to a max of 30 feet. On the counterpoise side, I had 30 feet of wire sloping up to 25 feet. Pretty weird. But worked very well.

Before the start... during setup, a station in Bogota,

Columbia was calling CQ on 15 meter SSB. So I answered him. "You're 59 off the side of my beam," he said.

"Oh!

I'm only running 5 watts," I answered. "What?" he asked.

"You're QRP? Incredible signal!" So I knew I'd be OK for field day.

Jim w1pid@arrl.net

Do You Yahoo!?

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<http://personal.mail.yahoo.com/>

Date: Sun, 24 Jun 2001 18:23:06 -0500 (CDT)
From: Joe Reed <joe@n9jr.dyndns.org>
To: qrp-l@lehigh.edu
Subject: [100801] The Wasn't Field Day That Was
Message-ID: <Pine.LNX.4.21.0106241822110.21141-100000@n9jr.dyndns.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In recent years working Field Day has been a tough go. Work committments and family committments has made participation difficult. This year was no exception. I was the Systems Engineer on call this weekend, had to pick my brother and his family up at the airport at 5:30pm, and made promises to my wife.

I thought I might get on and make a few 1D contacts, but as Saturday afternoon progressed I got the fever. An hour and a half after FD started I rolled into the parking lot at Amateur Electronic Supply to buy antenna stuff. It was going to be 1B with the K2 or not at all.

Finally, around 0100Z I finally got a signal on. The station consisted of the K2 feeding a inverted V for 40 with 450 Ohm twinlead through a LDG balun up about 30 feet. A 7AH gell cell + internal battery for the K2 and a 20AH gell cell with inverter to power the Libretto 70CT for logging. And a candle lantern to illuminate the operating position.

Excellent. The objectives for this years encounter were not to call CQ. I decided that I wanted to know what kind of a score S&P could bring.
>From experience, QRP calling CQ is killer and you can rack a big score quickly. I also wanted to evaluate the antenna, and finally just see how

good the K2 really is. (For the K2 folks, I went to dot display, and turned off LCD backlight. I did keep batt in performance mode.)

In about 7.5 hours of operating I made 256 QSOs via S&P. The last time I did a serious QRP FD was a few years ago and the rig was a TenTec 535 (Argo II) with full size dipoles fed with coax for all bands. I had more QSOs/hr and higher QSO total, but I also called CQ FD. The K2 blew the memories of the Argo II away. Doing the bump and grind on 40 around 0300Z the K2 allowed me to pick my way through the din with 100Hz of filtering. No overloading at anytime. It was a long day so I crashed around 0400Z and decided to hit it again on Sunday. Up and on the air around 1145Z 40 and 20 were hopping. Using S&P my QSO rate was still around 35/hr including time out for eating, sand box stops, and the occasional smoke. I hate to think what it might have been had I allowed myself to call CQ.

40 and 20 were the workhorse bands. A few QSOs Saturday night on 80, and a few on Sunday on 15 & 10. It might have been my antenna that limited me on those bands, as I enjoyed great success Sunday on 20.

But all things must end, at at 1600Z my pager went off and I was called in to tend the computers.

A great field day, and one in which the K2 and I really bonded. Next year I have to be off the call schedule and be on vacation. For the Field Day that almost wasn't - man this was great.

73,
Joe N9JR

Date: Sun, 24 Jun 2001 19:36:11 -0400
From: "Joe Everhart" <n2cx@voicenet.com>
To: <sgreene@patriot.net>
Cc: "qrpl" <qrpl@lehigh.edu>
Subject: [100802] dual-band "gusher" dipole
Message-ID: <003c01c0fd06\$7460b5a0\$1a3947d1@n2cxtoy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve,

Re the "dual-band" Gusher. It is indeed a fan dipole with two 1/4 wave on each side of the center insulator. Operation is non-critical and it works well on two bands.

I am the guy who offers them for sale, so I have an interest here. :-)

The pre-made dipoles offer the simplicity of any ready-made product.
Just put it up, hook it to your rig and go. Ande the Gusher 2-B weighs
only a pound. And it's only \$29 postpaid (USA).

OTOH, you can duplicate it pretty easily if you want.

For more information e-mail me at n2cx@voicenet.com

72/73,

Joe E., N2CX

Date: Sun, 24 Jun 2001 16:54:27 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [100803] Re: Solar/Propagation for FD
Message-ID: <20010624235427.57449.qmail@web14604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

You called it Paul. Excellent conditions this
weekend, for sure!!!

I was at the 20M and 15M cw stations with K2CT from
outside Albany, NY and those bands were sizzling.
Lotsa fun playing radio ;-)

73,
Barry N1EU

Do You Yahoo!?
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<http://personal.mail.yahoo.com/>

Date: Sun, 24 Jun 2001 23:24:29 +0100
From: Larry Cahoon <lejek@erols.com>

To: qrp-1@lehigh.edu
Subject: [100804] FD 2001 with a QRO Club
Message-ID: <5.0.2.1.0.20010624225731.009f92c0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Plans did not come out quite the way they were envisions - but FD was still a blast. The WX forecast was the worst in years. Rain though Sunday morning with lots of thunderstorms. Well the forecasters were wrong. But the forecast did scare away the clubs other CW operator. So instead of QRP vs QRO we used my call for the SMARC FD. That meant one QRO entry. I had intended to show what QRP can do by having us run two field day stations - one QRO and one QRP, but without the other CW operator that just not seem fair.

On the WX front, we set up in the late morning. Here in the east FD starts at 2 PM local. So while we ate lunch we got the only significant rain during the event. A few sprinkles till about 3 PM and that was it. In the end those who came agreed we had the best WX in the last ten years. Cloudy Saturday, and never above 75. Cool Saturday night and no bugs. Sunday arrive bright and sunny.

We ran 3A but had a total of four stations. One fellow set up on 6 meters, stayed about three hours, ran off 6 QSOs and left. That was all the time he had. Then a second fellow arrived and ran a rtty station for the weekend - sort of. He ended up with about 40 QSOs. Then the two big stations. The SSB station ran for the weekend - battery power off a 100 Ahr battery. The best estimate I have it they got somewhere around 150-200 QSO. Then there was the little QRP CW station - that was me. Solar powered for the entire event running about 4 watts from a K2. I managed to run off about 300 QSOs. For caparison I used two 5 Ahr batteries. The nice note was the QRO SSB guys were surprised how long their battery lasted. But if you do the math it is not too surprising. Running a rig that draws 20 A on transmit, and transmitting about 25% percent of the time the battery should give you around 20 hours. You will get a bit less as the rig does take current during Rx.

With those number I think I still got the point across what QRP can do. All were impressed with K2 and the solar setup.

I will probably put together an article for the club newsletter. I haven't yet decided how hard to hit them. It's a good thing we go for fun instead of points, as we made several blunders on the points front. Looking over the rules after the fact showed where we were not smart. The 6-meter and the rtty station ran off commercial power. In our 3A category that cost us 300 points we could have gotten by running emergency power - that is more points than the two stations got for us. Where I am likely to hit them is with the observation that as 1A I could have accumulated a lot more points than the club did with the group we had.

Of course we don't go for points - and if the guys don't get me their logs we won't get the entry sent in. Never the less we all had fun.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Sun, 24 Jun 2001 23:48:03 +0100
From: Larry Cahoon <lejek@erols.com>
To: QRPSolarPower@yahoogroups.com, qrp-1@lehigh.edu
Subject: [100805] FD Solar Style
Message-ID: <5.0.2.1.0.20010624232612.009f1030@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

This was the first time I tried to go full Solar for field day. It was a great success.

The setup was the K2 with two 5 Ahr SLA batteries. I had two 5 Watt solar panels and a SunSaver-6 charge controller. Plus I took along a number of other batteries just in case. I had the K1 along as well in case I really had to conserve on power. In the end I needed neither the extra batteries nor the K1.

Saturday started off very cloudy - with a bit of rain. While the rain went away with the start of the contest the clouds did not. I ran the K2 at about 4 watts with LDG QRP autotuner for a total take of about 300 QSOs. The only power conservation I used was to turn off the backlight. The batteries held up well Saturday afternoon. The K2 showed 12.3 volts at the start (the protection diode in the K2 causes the rig to report a voltage 0.4 volts lower then the batteries themselves) - 12 hours later at 2 AM when I hit the sack it showed 11.9 volts. So they were still at 70% of capacity.

I got up at 6 AM - or I should say my 11 yr old girl got me up then when she came to my tent and announced that she had to get up as too many "daddy long legs" had invaded her tent. All requests to kill them or chase them out was to no avail. Sunday dawned with bright sunshine. Never the less the battery level reported by the K2 dropped to 11.7 volts (50%) by around 8 AM - the rising sun just could not keep up with the drains on the battery. After a break for breakfast it was back up to 12.3 volts. It dropped down again to about 12.1 volts when I finally quit around 10:30. That actually left the batteries at 90% of capacity at the end. Not too bad. It would have been better except that I spend the last hour holding a frequency running off 50 QSOs.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Sun, 24 Jun 2001 20:35:25 -0400
From: "Winston F. Jones" <winjones@ix.netcom.com>
To: <n2cx@voicenet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100806] Re: dual-band "gusher" dipole
Message-ID: <001b01c0fd0e\$bbaad060\$628656d1@netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joe,
Is the Gusher dipole simply dipoles of two different bands hooked to a
center insulator, with the individual legs spread out a little?
73, Winston K4CWQ

----- Original Message -----
From: "Joe Everhart" <n2cx@voicenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, June 24, 2001 19:36 PM
Subject: dual-band "gusher" dipole

> Steve,
>
> Re the "dual-band" Gusher. It is indeed a fan dipole with two 1/4 wave
> on each side of the center insulator. Operation is non-critical and
> it works well on two bands.
>
> I am the guy who offers them for sale, so I have an interest here. :-)
>
> The pre-made dipoles offer the simplicity of any ready-made product.
> Just put it up, hook it to your rig and go. Ande the Gusher 2-B weighs
> only a pound. And it's only \$29 postpaid (USA).
>
> OTOH, you can duplicate it pretty easily if you want.
>
> For more information e-mail me at n2cx@voicenet.com
>
> 72/73,
>
> Joe E., N2CX

>

Date: Sun, 24 Jun 2001 18:44:48 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [100807] Field Day
Message-ID: <Pine.LNX.4.33.0106241838540.13032-1000000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just arrived home from our club's annual Field Day outing; the Regina Amateur Radio Association (VE5NN)....it was another fun filled weekend even though our total ham turnout was low compared to other years...more fun for those of us who were there eh!?!...hi hi hi...I had a great time working stations but one of the SUPER thrills was contacting the N6WG QRP group and passing on greetings to everyone as well as the FD exchange!!... I didn't know if the op was Bob or not but it sure got the blood moving again and a feeling of GREAT satisfaction!!.....thanks guys & gals..... "QRP, How sweet it is!"

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Sun, 24 Jun 2001 20:47:40 -0400
From: "Mark Fancher" <mmfancher@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <njqrp@njqrp.org>
Subject: [100808] Poqet PC Cables
Message-ID: <002601c0fd10\$711ffe00\$5e2d56d1@GEARemote>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I'd like to try and connect my Poqet to a TNC and run packet (portable). I can't seem to find the cable to connect the odd Poqet port to the TNC.

Has anyone ever found a source for these cables?

Thanks!
Mark Fancher, W09G

mmfancher@earthlink.net

Date: Sun, 24 Jun 2001 21:54:40 -0400
From: "Joe Everhart" <n2cx@voicenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Winston F. Jones" <winjones@ix.netcom.com>
Subject: [100809] Re: dual-band "gusher" dipole
Message-ID: <000801c0fd19\$cd015440\$77fc67cf@n2cxtoy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Winston,.

The Gusher 2-B (2-bander) is two different band dipoles with a common center insulator and feedline. However it is a very lightweight construction that lends itself very well to portable operation.

Other Gushers have different configurations.

Joe E.

----- Original Message -----
From: Winston F. Jones <winjones@ix.netcom.com>
To: <n2cx@voicenet.com>; Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, June 24, 2001 20:35 PM
Subject: Re: dual-band "gusher" dipole

> Joe,
> Is the Gusher dipole simply dipoles of two different bands hooked to a
> center insulator, with the individual legs spread out a little?
> 73, Winston K4CWQ

>
> ----- Original Message -----
> From: "Joe Everhart" <n2cx@voicenet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Sunday, June 24, 2001 19:36 PM
> Subject: dual-band "gusher" dipole
>
>

> > Steve,
> >
> > Re the "dual-band" Gusher. It is indeed a fan dipole with two 1/4 wave
> > on each side of the center insulator. Operation is non-critical and
> > it works well on two bands.
> >
> > I am the guy who offers them for sale, so I have an interest here. :-)
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> > The pre-made dipoles offer the simplicity of any ready-made product.
> > Just put it up, hook it to your rig and go. And the Gusher 2-B weighs
> > only a pound. And it's only \$29 postpaid (USA).
> >
> > OTOH, you can duplicate it pretty easily if you want.
> >
> > For more information e-mail me at n2cx@voicenet.com
> >
> > 72/73,
> >
> > Joe E., N2CX
> >
>
>

Date: Sun, 24 Jun 2001 21:57:39 -0400
From: "William Mabry" <n4qa@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [100810] Q. When is a Warbler not a Warbler? A. While it's being fed
CW...
Message-ID: <F117EJmGzrLCCtgx8VU0000384e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Made my first cross-mode QSO using the PSK-80 Warbler on 3580.4 kHz tonight.
I transmitted CW and A1, W6HLC over in Williamsburg, VA...213 miles from
here as the crow flies...transmitted PSK31. A1 said that the Warbler's CW
note sounded fine but that QSB was giving him a little trouble.

It's not rocket science or anything of the sort but it is fun.

To make a long story short, there is now a Lionel J-38 straight key in
series with my Warbler's transmit audio line along with a 600:600 Ohm audio
transformer and 20-turn 1k pot (ok, maybe it's a 15-turn pot...). Put
DigiPan in 'Tune' mode when you wish to transmit CW...then hammer away at
your key.

Feed the Warbler 2455 Hz audio in order to meet all your color-burst buds on 3579.545 kHz...assumes that the Warbler has been properly calibrated for a 'phantom carrier' of 3582 kHz and that DigiPan etc has been configured for 'spectrum start' of 3582 kHz and 'spectrum option' of 'LSB'.

Now we're operating a little outside the design frequency range so don't drive the Warbler too hard or your friendly 00 may get excited. I'm getting about a half-watt of rf out at 3579.545 kHz.

Oh, and the 2455 Hz receive-audio may drive you nuts...provided that you can hear it at all :)...you must, of course, route the Warbler's receive-audio output to an 'amplified speaker' or some such in order to hear the signals. An audio filter would help, too.

We COULD re-calibrate the Warbler's carrier OSC/BFO in order to operate nearer to the CW gang...naw, then we'd have to re-re-calibrate for PSK operations...

Yes, I know, it's a PSK rig...but it sure can act like a CW rig sometimes...now, where are all those color-burst guys tonight...

73.

Bill, N4QA

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Date: Sun, 24 Jun 2001 21:57:51 EDT
From: PTSMANTUA@aol.com
To: qrp-1@lehigh.edu
Cc: SARTmMAJ@aol.com
Subject: [100811] FD - Solar Power- 2W
Message-ID: <a4.15dffcd.2867f49f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi to all,

Had a blast(but I am real tired) working FD at K8CAV as part of a 2B operation. Ran QRP off solar power and batteries charged from my homebrew 60 W panel, and charger as a added demonstration bonus thing.

We are a 2 person show, trailer, tower, camp site, multiple antennas, rotor, Kid's control, tents, food, bathroom travel, Plus weekend work duty, and travel 40 miles to and fro work,etc. Set up and take dn abt 2-3 hours now, down from last year of much longer, plus 1 trip for a new thumb for K8CAV

(Sledge Hammer keyed one dit Rick will not forget). Loved the potato cannon post, fell out of my chair laughing, but we used a safer Bow and Arrow approach.

Running off solar on QRP was an added "feature" for bonus points". Was a challenge to put the stuff together to make it work.

Ran abt 2W on 40 with my Norcal 40A, and almost stayed there for the rest of the contest. My son, (10), dragged me back to the main radio, with logging computers, keying circuits, (cool stuff) cause they were more fun for him. I obliged, as part of the weekend was to have fun together.

Saturday was mostly cloudy, but we charged most of the late afternoon, as it thined out. Ran off batteies(7Ah I think 2 @ 6V) Sunday morning.

2 W FD, with a straight key at something messy around 20 WPM+ (was a little ugly at first) was very do-able as an op mode.

Hmmmm, no generator, noise, BUild more radio kits to run QRP, for more bands, Hmmmm.....Smaller pile of stuff to haul around..

Have a year to discuss with Rick(K8CAV). Either way, FD @ 2W was fun, easy, and not really different than at 90 W which was part of the point of the process.

Thanks to all on the list who contributed to the success with various posts, and topics, I casually read and moved forward . Either way we operate next year, Solar Power is pretty cool.

de Phil

KF8JW

Date: Sun, 24 Jun 2001 19:03:38 -0700 (PDT)
From: Nancy Rabel Hall <kc4iyd@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100812] psk80 no signal-- update #2
Message-ID: <20010625020338.36429.qmail@web14606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all,

Since I've received a few messages from people asking about the psk80 kit I figured I would let everyone in on my progress. In a nutshell the kit is still not

working but I have printed out all the comments that have been posted or emailed to me and am going through them one at a time. I did notice that one of the 2 ICs that sit on the dip sockets was not in correctly so I fixed that but that wasn't the problem.

I brought along my laptop, the psk80 kit and my tool box (its a very bright yellow rubbermaid tool box that the OM stays away from, hi hi) to the field day site. So while the guys and gals were operating during field day, I was going through each part making sure they were in correctly, checking the readings on some using a meter, checking soldering connections on others and getting some other eyes to look at it. Did that most of Saturday but stopped on Sunday to operate. I don't plan to look at it tonight since I'm tired from Field Day but will check it over the rest of this week. I promise to let you all in on my progress later this week. I also know of another ham who has built this same kit and although his is out on loan, he promised that we could get together when he gets the kit back to compare the two.

So thanks guys for all your comments and I'll let you know as soon as its working.

72 de kc4iyd/8
Nancy

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Sun, 24 Jun 2001 19:10:28 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [100813] Re: dual-band "gusher" dipole
Message-ID: <20010625021028.70153.qmail@web14603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Is there any info about the PVC mast available?
Looked at www.novaqrp.org but didn't see much . . .

>The "gusher" (?) 20 ft PVC mast looked easy enough to

>duplicate as well.

Tnx/73,
Barry N1EU

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Sun, 24 Jun 2001 22:13:24 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: n1eu@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100814] Re: dual-band "gusher" dipole
Message-ID: <3B369E44.B402EC03@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Barry,

NoVaQRP is in the process of putting together a bunch of stuff on our antennas. Sometimes we think we have some of the most restrictive covenants in the country so some of our guys have been VERY creative in building attic dipoles etc. Perhaps I can get the PVC mast info available. I do know that it was put out by NJQRP a couple of years ago but don't remember seeing it on their site recently. (Don't remember if it was a kit or just the plans.)

Michael N4NMR

N1EU wrote:

>
> Is there any info about the PVC mast available?
> Looked at www.novaqrp.org but didn't see much . . .
>
> >The "gusher" (?) 20 ft PVC mast looked easy enough to
> >duplicate as well.
>
> Tnx/73,
> Barry N1EU
>

> -----
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail
> <http://personal.mail.yahoo.com/>

--

73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Sun, 24 Jun 2001 22:10:50 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [100815] Juno Problems Gone
Message-ID: <20010624.223109.-289501.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No mail from the List for 2 days and then 250 posts all at once . The logjam is cleared and I got 65 posts this time.

It's just one of those Internet thingies...

OBQRP - K2BRK, 4A/WNY had about 250 Q's including a couple of 200 mile Tropo Q's on 2 Meter SSB for our Field Day operation.

The current Klub tally is 1 Novice, 3 Techs, 5 Generals and 17 Extras. The interest in FD was high but a bunch of HS graduations this weekend cut into our available operators!

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
Section
My night light runs more power than my Rig!!!
Replies - <mailto:wb2vuo@arrl.net>

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 24 Jun 2001 19:48:22 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>

To: rattray@gpfn.sk.ca, qrp-1@Lehigh.EDU
Subject: [100816] Re: Field Daze
Message-ID: <F159z6UuEhjJ8uT6Ssu000022df@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

K7Low was also pleased to put N6WG in the log! This is fast becoming a 40m tradition in ALL 'tests...thanks to Bob's ever-presence on that band!

FD was a total blast here on the Oregon Coast, splitting our operating time between K7Low 1B (B for Backyard), K7FD 1C (C for Car), and N7SG 1E (E for Easy Chair)...condx were great and ended up staying up on 75m QRP SSB until 2am in the morning! Glad we had that cold pizza in the fridge...

Rigs ranged from K2/Loop to TS-50s/MP-1 to IC-775DSP/Quad...used Annette's Palm V to log. Weather was fantastic Saturday, rain caught up to us Sunday...

73 John K7FD/K7Low, Annette N7SG/K7Low

>I just arrived home from our club's annual Field Day outing; the Regina
>Amateur Radio Association (VE5NN)....it was another fun filled weekend
>even though our total ham turnout was low compared to other years...more
>fun for those of us who were there eh?!...hi hi hi...I had a great time
>working stations but one of the SUPER thrills was contacting the N6WG QRP
>group and passing on greetings to everyone as well as the FD exchange!!...
>I didn't know if the op was Bob or not but it sure got the blood moving
>again and a feeling of GREAT satisfaction!!.....thanks guys & gals.....
>"QRP, How sweet it is!"
>
>..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
> K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
> "QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"
>

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Date: Mon, 25 Jun 2001 02:49:55 -0000
From: "Stuart Satrun" <kc8lah@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [100817] Hex Beam
Message-ID: <LAW2-F719cM3oryKFRJ00001a46@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

All right guys...still reeling from FD 10M cw....what a nightmare..weak signals..noise on the band..qrp battery, 16A here in Michigan...K8U0 is our new club call..but the 20 phone guy has this Hex Beam monobander and he says its great. Now as we all know, the phone guys can't be trusted...sorry Jerry....anybody using this thing...I don't know, but a 10m monobander is less that 200 bux. Whats the skinny?
stu kw8k

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Date: Mon, 25 Jun 2001 03:37:04 +0100
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [100818] [MH101] Update
Message-ID: <5.0.2.1.0.20010625033503.00a0aec0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Just a quick note that I've added comments to the RCVR section photos now. I have more photos to add but working on the PC board layout with a new program is taking time and I've got other irons in the fire at the same time..... :-)

Lots of photos and more to come. I figure it is best to have too many than not enough.

FYI

Chuck Adams, K7Q0 CP-60
Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo>

TMPS-2001 Jan 12th -> April 15th, 2001 States = 49 DXCC = 15

States Needed AK DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 C08 ZS6 EA8 EA7
PJ ZL2

Moving to Arizona? --- Bring your own water.

Date: Sun, 24 Jun 2001 20:50:42 -0700
From: "Mark M." <markem@cervnet.com>
To: qrp-l@lehigh.edu
Subject: [100819] Trade New Golf Clubs For Radio
Message-ID: <3.0.6.32.20010624205042.007fbc20@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK, this is a long shot but it can't hurt to ask...

I recently won a set of brand new Mizuno golf clubs...irons, woods, bag, etc...in a contest. I don't play golf and so would like to work a trade for some radio gear. First choice would be a K2 with some options, assembled or otherwise, but I'd also be interested in an Icom 706MkII-G (the one with 2M & 70cm) or a Yaesu FT-100D or FT-817. Or, I'd be open to other proposals, including \$\$\$\$. From what I can find on the net, the golf set goes for \$1000-1200.

So, if anyone is interested, please contact me off-list for more details.

Thanks & 73... Mark AA7TA markem@cervnet.com

Date: Sun, 24 Jun 2001 23:00:17 -0400
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: "NVQS-S" <NVQS@smartgroups.com>, "NJ-QRP List" <njqrp@njqrp.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Bill and Joyce Stutz" <BillStutz@aol.com>, "W1SLR - Sara" <sara@wulfden.org>, "W1MOO List" <w1moo@smartgroups.com>
Subject: [100820] Field Day 2001 - NVQS ... with pride (moderately long)
Message-ID: <LPBBJAGIPFHKPJENAKLOEEMDFAAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a few quick words about the Northern Vermont QRP Society's first ever Field Day ...

We set up in large alpine field in an annex of Underhill State Park, in Underhill Center, VT. We were located at 1700 feet ASL essentially on

the Western slope of Mount Mansfield.

We operated class 2A battery/QRP using 2 FT-817's and a TS450 turned down to 5 watts, plus an assortment of HTs for 2m/70c cm FM (nice thing about being at 1700 feet!).

We had a mil surplus crank up tower with an A3S tribander at 38 feet and used it to anchor one end each of a 40 meter full wave delta loop and an 80 meter full wave loop (Superloop 80) out in opposite directions to trees for the other end anchors. We put up 20 feet of Rat Shack mast with a home made (KT1VT) rotating guy plate and it had the 6 and 2 meter beams with armstrong rotation (a rope with a stake and a volunteer).

Each station had a large lead-acid storage battery and a 75 watt Siemens solar panel.

We ran the TR Logging program and had 3 DOS laptops running the TR Network configuration. (the efforts KM1Z and I put into setting up the network paid off 100 fold when one compute died permanently after a few hours but we didn't lose any QSO information because it was shared around the network.)

We had ten people ... Fran (KM1Z), John (KB1ENS), Jay, (KK1J), Dick (KG2LN), Bill (KB1GXE), Kristin (AA1SK), Eric (N1SRC), Frank (KT1VT), Dave (W1DEC), and myself, Brian (N1BQ). Everyone operated and made QSOs. We had five people at Friday setup and nine at Saturday morning setup, and seven at Sunday takedown, we had five people there all night, and seven at any given time. This is a loose group and only Jay, Fran, and myself have really done much together before. Our setup and takedown went off as if we all had been working together for years ... this is a great bunch of people.

Ma Nature did here best to keep it from happening. Friday afternoon and evening we were hit with 20-30 mph winds gusting over 40. We got the tower up, but decided to crank back down to two sections and the beam and put the other three back in on Saturday. The lightweight bow was so wimpy the arrows would take 90 degree turns in flight when the wind blew! The large three room tent blew over twice and we skipped that until Saturday.

Saturday, the weather held off for setup, but an hour or three after FD start the skies opened up and it rained in torrents. We were literally in the clouds much of the time and everything was damp and/or wet ...

But then the good things ...

- we made 330+ Q's with 70+ multipliers

- we held a VE session Saturday before dinner Saturday and John (KB1ENS) passed his Extra, with a torrential rain beating on the tent ... way to go John

- Jay (KK1J) - was sitting there running the FT817 into the 40 meter delta loop on 15 meters and heard a ZL station saying he needed one state for WAS and had the other guy heard any VT stations on? Jay jumped on, the guy asked if he was kidding, he said no, and he worked him!

- my father-in-law, Bill (KB1GXE), newly minted ham made his very first on the air QSOs, on 40m SSB

- Kristin (AA1SK) may have set a new record for patience as she outlasted one guy who must have tried two-thirds of the alphabet in trying to get the "Q" in N1QS ... then he copied us a "3A" not "2A" and went away ... grrrrr

- Jay (KK1J) made a pot of chili for Saturday night that could possibly have been the most lethal concoction ever served up to humans. The first hint I had was when one visitor to the FD site came up to me literally with tears streaming down his face and gasping for air. Rumor has it the EPA will be investigating!

- Dick (KG2LN), an Army trained RTO (Desert Storm vet) doesn't seem to be able to get the hang of a set of paddles, but he brought his own mil style hand key and thigh clamp and he was working up a storm on 20m/15m CW.

- Frank (KT1VT) is a veteran VHF/UHF contester but had never gotten to do any HF contesting and he got his chance. This was also the first real HF contesting for Kristin (AA1SK) and her husband Eric (N1SRC).

- Dave (W1DEC) gets the "above and beyond the call of duty award" because he is an elected official in his town he got to traipse around to other FD sites to do the 'elected official' point thingy.

- Brian (N1BQ), me, got the "booby" award for setting up the cook tent over the one low spot on the site ... by early evening the cook tent had been renamed "The Swamp" ... I tried to explain that a good kitchen has running water, but Kristen said "not through the middle of it!"

- every club has someone they really count on to crank out the contacts ... we have a few, but at the forefront is Fran (KM1Z) .. our technical guru and all-around MacGiver/Mr. Fixit ... but when the clock starts counting, set him in front of a set of paddles and his favorite log program TR and watch him go ... all that and he even has snappy comebacks on the TR "instant messenger" network ...

So, our first time, we made mistakes, we learned ... as Kristin said, "the first year is for learning what to do the second year!" ... I am very proud to say that everyone had a good time and a positive experience. At least half the people there have said to make sure I call them about FYB0!

72/73 de brian, n1bq

--

N1BQ-3 @ 44 31.73N 072 51.55W
WideN-N digi and weather station in Underhill Center, VT
<mailto:n1bq@wulfden.org>
NoVT QRP Society <<http://www.wulfden.org/NVQS/>>
AMSAT LM-1418 NJQRP #274 ARS #915
QRP-L #2276 Zombie #768 NVQS #002

Date: Mon, 25 Jun 2001 20:54:39 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-l@lehigh.edu>
Subject: [100821] KI6DS Extra Stuff Sale (LONG)
Message-ID: <007d01c0fdf3\$ba5fe1a0\$5ebdc03f@DougHendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I am going to sell some of my excess stuff. Took a look the other day, and I got way too much stuff that I am never going to get to build, so I am going to sell it off. The prices include shipping to the US, and are firm. Everything is priced below what I paid for it, and there are some rare items here. To purchase, send me an email saying which item you want, and when I send you a confirming email, please send your check made out to Doug Hendricks to me at:

Doug Hendricks
862 Frank Ave.
Dos Palos, CA 93620

Please include a self addressed mailing label. Ok, here we go.

1. KC-1 Keyer Counter Kit for NC40 - \$30 (unbuilt kit)
2. Ramsey Shortwave Receiver Kit (Built by me) \$10.
3. Sudden Receiver Kit Kanga, No manual, \$5 (unbuilt kit)

4. TenTec Model 1054 4 Band Shortwave Receiver Kit \$20 (unbuilt kit)
5. Almost All Digital Electronics Digital Frequency Display Kit \$30 (unbuilt kit)
6. Kanga Oner Transmitter Kit \$5 (unbuilt kit)
7. 2 Embedded Research EPS-1 Emergency Power Supply kits, \$20 each (unbuilt kit)
8. Jade Products Optically Coupled Receiver Board and Documentation (\$5)
9. KD1JC LED Keyer Kit (need to contact Steve Weber for docs) \$30 (unbuilt kit)
10. Rainbow Tuner Kit with Doug Hauff Case, \$40 (unbuilt kit)
11. SMT TiCK Keyer, Built, (\$10)
12. Arizona ScQRPion N7VE LED SWR Indicator Kit \$5 (unbuilt kit)
13. Kanga G-QRP Club Junk Box Special Transmitter Kit \$10 (unbuilt kit)
14. TenTec 1053 Budget Keyer Kit \$10 (unbuilt kit)
15. Kanga Spectrum Wave Meter Kit designed by Sir Tony Fishpool, G4WIF, \$25, (unbuilt kit)
16. ZM-2 Antenna Tuner Kit with BNC connectors, \$50, (unbuilt kit)
17. SWL-30+ Transceiver Kit, \$50, no case (unbuilt kit)
18. Micronaut Transmitter Kit, \$10 (unbuilt kit)
19. G-QRP World's Smallest Though Hole Transmitter Kit, \$5, (unbuilt kit)
20. Doug Hauff Blue Anodized Key, \$20
21. 2 origianal club kit NorCal 40 pc boards, \$5 each
22. TenTec 1051 Transmatch Tuning Bridge Kit, \$15, (unbuilt kit)
23. Fireball Clone QRP Transmitter kits 2/\$5, (unbuilt kit)
24. MFJ 9317 17 meter Cub CW transceiver kit, \$80, (unbuilt kit)
25. MFJ 9315 15 meter Cub CW transceiver kit, \$80, (unbuilt kit)
26. George Dobbs G-QRP Club Supergainer Receiver Kit with Manual, \$25, (unbuilt kit)
27. Alpha Delta Delta-2 2 position SO239 Connector Antenna Switch/Surge Protector, \$35.
28. WhiteRook MK44 Paddles, \$10
29. Built DSW40, in Doug Hauff Blue Case, \$100
30. NorCal 38 Special CW Transceiver Kit, \$25, (unbuilt kit)
31. NorCal 38 Special CW Transceiver Kit with Doug Hauff case, \$50 (unbuilt kit)
32. 4 38 Special CW Transceiver PC Boards, \$5 each
33. 7 49er PC Boards, \$3 each.
34. MFJ CWF-2 CW Filter, Gray cover, \$15
35. MFJ CWF-2 CW Filter, Blue Cover, \$15
36. MFJ SBF-1 SSB Filter, Blue Cover, \$15
37. MFJ 16010 Antenna Tuner \$20
38. NorCal Cascade 80 and 20 meter SSB Transceiver Kit, complete, \$200, (unbuilt kit)
39. Arizona ScQRPion 2N2222/40 Board to build Jim Kortge's 2N2222 transceiver Manhattan style, \$5
40. Candy Apple Red Powder Coated NorCal Paddle Base, \$15
41. TenTec 1056 CW-SSB Receiver Kit, \$25, (unbuilt kit)
42. Wilderness Sierra with 1 Band Module (40 meters), KC-2 installed, \$250

- 43. Herring Aid 5 Receiver Board, \$5
- 44. G-QRP Club 4 Weekend Projects kit, \$25, (unbuilt kit)
- 45. 2 sets NorCal Paddles, Narrow Version, \$35 each, (unbuilt kit)
- 46. 1 set NorCal Paddles, Wide Version, \$35, (unbuilt kit)
- 47. 5 clock oscillator modules, 4 pin, 28.060 Mhz, used to build Fireball transmitters on 10 meters, \$3 each.
- 48. SWL Frequency Mite Kit, \$15, (unbuilt kit)
- 49. Tixie transceiver board with docs and TiCK1 Chip, \$5, (unbuilt kit)
- 50. PSK80 Warbler, \$35, (unbuilt kit)
- 51. Wilderness Radio KC2 Frequency Counter kit for Sierra, \$50
- 52. 40 Meter SST Built, \$50.
- 53. Blue Sky Engineering Counter Kit, \$30, (unbuilt kit)
- 54. Kent Capacitive Touch Paddle/Keyer Kit, Built, \$10
- 55. MFJ World Band Shortwave Radio Receiver, Model 8100, Built, \$50
- 56. TenTec 509 Transceiver, with matching TenTec AC Power Supply, and AC5 Antenna Tuner, \$225

Ok, guys, go for it. 72, Doug

Date: Sun, 24 Jun 2001 23:01:31 -0500
From: "Marty Purselley" <ranchonodinero@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100822] Re: Odd intference on 40 mtrs. during FD
Message-ID: <00ad01c0fd2b\$85717440\$46bafea9@mlp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, we also heard it at W5PC in Weatherford, TX. Many speculated that it was from a welder as our field day site was in a hay field, but it was probably a solar event. We also noticed it on 15 meters too-10 meters was not very productive for our club. W5CP 3A, N TX (OK, the contest is over, but I can still hear the exchange in CW and SSB-I must have case of field day ear)

73s, Marty AA5UN

----- Original Message -----
From: Thomas Kuehl <ac7a@gci-net.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, June 24, 2001 16:03 PM
Subject: Odd intference on 40 mtrs. during FD

> Howdy,
>
> Due to my concern about the weather the last few days here
> in southern Arizona, I decided to operate Field Day from the
> safety of my home; 1E with QRP. We had 3 days of violent
> Monsoon-type weather prior to Saturday. It not something you
> want to be outside and exposed to during its wrath. The
> lighting and sideways rain can be intimidating and
> dangerous.
>
> Anyway, while operating on 40 meters this morning, I
> observed a very strong and noisy interference. It was a
> wideband noise that had a rotation-like characteristic; kind
> of like the recorded sound of a pulsar. The noise extended
> above, below and in the band, spaced about every 90KHz. It
> bled all over the frequencies in between.
>
> I hadn't ever heard this before and was wondering if I am
> the only one that heard it (maybe a new local, RFI source)?
>
> Best regards, Thomas - AC7A (Tucson)
>

Date: Sun, 24 Jun 2001 21:58:50 -0600 (MDT)
From: mugglesto@ecentral.com
To: qrp-l <qrp-l@lehigh.edu>, Linux Hams <linux-hams@vger.kernel.org>
Subject: [100823] TWPSK
Message-ID: <Pine.LNX.4.10.10106242154140.1426-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I want to publicly thank Ted Williams, the author of twpsk for all his help. I now have twpsk working on my machine because he spent the time to be concerned that it wasn't working even though it was because of me not the program.

FYI, If you have a problem with twpsk check you configuration file (Twpsk) and make sure you don't have any trailing spaces - I had "ttyS1 " when it should have been "ttyS1". Hard to see on a screen but Ted messed with his working copy until he got the same error I had (device not found).

Thanks Ted now I am almost Microsoft free.

Brad Muggleston, KI00T

Aurora, Arapahoe Cty, Colorado
DM79oq 39.692500N 104.802600W
CQC #170, QRP-L #316, NorCal #2934

Date: Mon, 25 Jun 2001 22:38:51 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-l@lehigh.edu>
Subject: [100824] KI6DS Excess Stuff Sale sold items list:
Message-ID: <015d01c0fe02\$487fd220\$5ebdc03f@DougHendricks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The following items have been sold from the KI6DS Extra Stuff Sale.

3. Sudden Receiver Kit Kanga, No manual, \$5 (unbuilt kit)
4. TenTec Model 1054 4 Band Shortwave Receiver Kit \$20 (unbuilt kit)
5. Almost All Digital Electronics Digital Frequency Display Kit \$30 (unbuilt kit)
6. Kanga Oner Transmitter Kit \$5 (unbuilt kit)
10. Rainbow Tuner Kit with Doug Hauff Case, \$40 (unbuilt kit)
11. SMT TiCK Keyer, Built, (\$10)
14. TenTec 1053 Budget Keyer Kit \$10 (unbuilt kit)
16. ZM-2 Antenna Tuner Kit with BNC connectors, \$50, (unbuilt kit)
17. SWL-30+ Transceiver Kit, \$50, no case (unbuilt kit)
20. Doug Hauff Blue Anodized Key, \$20
21. 2 origianal club kit NorCal 40 pc boards, \$5 each
27. Alpha Delta Delta-2 2 position S0239 Connector Antenna Switch/Surge Protector, \$35.
28. WhiteRook MK44 Paddles, \$10
29. Built DSW40, in Doug Hauff Blue Case, \$100
30. NorCal 38 Special CW Transceiver Kit, \$25, (unbuilt kit)
31. NorCal 38 Special CW Transceiver Kit with Doug Hauff case, \$50 (unbuilt kit)
33. 3 49er PC Boards, \$3 each.
35. MFJ CWF-2 CW Filter, Blue Cover, \$15
40. Candy Apple Red Powder Coated NorCal Paddle Base, \$15
41. TenTec 1056 CW-SSB Receiver Kit, \$25, (unbuilt kit)
45. 1 set NorCal Paddles, Narrow Version, \$35 each, (unbuilt kit)
46. 1 set NorCal Paddles, Wide Version, \$35, (unbuilt kit)
48. SWL Frequency Mite Kit, \$15, (unbuilt kit)
51. KC2
52. 40 Meter SST Built, \$50.
54. Kent Capacitive Paddle/Keyer Kit \$10
56. TenTec Argo 209 Transceiver with PS & Antenna tuner \$225

Thanks for your interest. Lots of stuff left. 72, Doug

Date: Sun, 24 Jun 2001 23:21:58 -0700
From: "Dave Fifield" <ad6a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100825] Re: Field Day
Message-ID: <005901c0fd3f\$25219a20\$0600a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

N6WG was the first station in my 40m CW log for FD!
I was part of the W6PIY 18A event on top of a local
high spot. I ran 40CW into a huge 2 element beam on
top of a 55' tower for the whole thing - boring during
sun hours, but things livened up considerably after dark!
The shame was that we were QRO (I did turn my power
down to 60W though...). I think I'm going to be able
to persuade everyone to try a QRP FD next year....the
idea is gathering momentum in our club (WVARA) and
there are quite a few QRP'ers in it doing the evangelizing.

Obligatory QRP content - I took a break during Saturday
afternoon to try out my new QRP rig - just 5mW out -
and made a successful QSO on it over about a 20 mile
path. This was 10GHz SSB of course! That one QRP
contact made the whole FD for me.

Didn't manage to work anyone on my 474THz QRP rig
though - better luck next year. Hope y'all had fun this FD.

Cheers,
Dave Fifield, AD6A

----- Original Message -----
From: "Bruce Rattray" <rattray@gpfn.sk.ca>
(snip) I had a great time
working stations but one of the SUPER thrills was contacting the N6WG QRP
group and passing on greetings to everyone as well as the FD exchange!!...
I didn't know if the op was Bob or not but it sure got the blood moving
again and a feeling of GREAT satisfaction!!.....thanks guys & gals.....
"QRP, How sweet it is!"

(snip)

Date: Mon, 25 Jun 2001 00:05:46 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [100826] Midnight QRP Magic
Message-ID: <F3KBqujyclWXSZ3Zs3M00017be1@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

With the witching hour near, I had the NC-40a memory calling CQ on 7.042MHz as I cleaned up the workbench. Almost time for bed, so I was about to call it quits. Then out of the blue, W30ER calls me. I hadn't heard a signal on the band, so I'm figuring he's a east coast transplant maybe now out in Arizona...

...but wait! Wow, he's in PA! When I tell him I'm running 2 watts, he asks for a repeat...hihi! I was just about as surprised when he told me he was running a DX-100 and 75A4! He gave me a 569 and a big thumbs up...

QRP, nothing like it!

73 John K7FD, Seal Rock, Oregon

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Date: Mon, 25 Jun 2001 00:54:45 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <k7fd@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100827] Re: Midnight QRP Magic
Message-ID: <00bf01c0fd4c\$fcc6c240\$8a0df4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow!!! A Collins 75-A4 - That's a great RX! Wish I had one. Great Job on the QSO! It's so much fun when that happens!

72
Trev
KG6CYN

----- Original Message -----

From: N7SG K7FD <k7fd@hotmail.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Monday, June 25, 2001 12:05 AM

Subject: Midnight QRP Magic

> With the witching hour near, I had the NC-40a memory calling CQ on
7.042MHz
> as I cleaned up the workbench. Almost time for bed, so I was about to call
> it quits. Then out of the blue, W3OER calls me. I hadn't heard a signal on
> the band, so I'm figuring he's a east coast transplant maybe now out in
> Arizona...
>
> ...but wait! Wow, he's in PA! When I tell him I'm running 2 watts, he asks
> for a repeat...hihi! I was just about as surprised when he told me he was
> running a DX-100 and 75A4! He gave me a 569 and a big thumbs up...
>
> QRP, nothing like it!
>
> 73 John K7FD, Seal Rock, Oregon
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com>
>

Date: Mon, 25 Jun 2001 07:51:33 US/Eastern

From: n2cx@voicenet.com

To: n1eu@yahoo.com

Cc: qrp-l@lehigh.edu

Subject: [100828] Re: dual-band "gusher" dipole

Message-ID: <200106251151.f5PBpZT57572@nss4.cc.lehigh.edu>

Barry and the gang,

The PVC mast in question was called the NEQRP 20-30. I wrote it up in the now-defunct NEQRP journal "72." That group also sold a semi-kit for it at that time (20 foot mast for \$30, hence 20-30.)

I do still have info on it. Perhaps I could dig it up and see if it could be posted on a web page somewhere. Work will keep me busy until the end of the week though, so it won't happen before next weekend.

BTW, I used one of the masts at the NJQRP Field Day activity this past weekend.

72/73,

Joe E., N2CX

>Is there any info about the PVC mast available?
>Looked at www.novaqrp.org but didn't see much . . .
>
>>The "gusher" (?) 20 ft PVC mast looked easy enough to
>>duplicate as well.
>
>Tnx/73,
>Barry N1EU

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Mon, 25 Jun 2001 08:13:07 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100829] RE: QRZ is back and explains what happened...
Message-ID: <078F21595FA7D411B87B00805FA728E64A4894@atlexc02ntms.h boc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Gee, it sounds like BellSouth's activities here in the Atlanta area. Last summer they cut the water main into the subdivision (800 homes) and repeatedly cut tel lines and only cut the power twice on my street (underground power). But I ended up with Glass fiber in the street for DSL service which they call FastDSL. It is really SLOW DSL service. Been without service over a month since January. Progress... Sure glad QRP doesn't have all these problems. 8-) 8-)

Jerry
W3CDE

-----Original Message-----

From: William R Colbert [mailto:w5xe@juno.com]
Sent: Saturday, June 23, 2001 10:43 AM
To: Low Power Amateur Radio Discussion
Subject: Re: QRZ is back and explains what happend...

Wonder if it is the same fibre optic contractor that is working in El Paso. Yesterday, a contractor laying fibre optic cable managed to hit in three locations water mains causing a loss of over a million gallons of water and shutting down service in several sections of town - after meeting with the water utilities people to get maps of the existing services. 3 weeks ago, the same company hit and broke a 4 ft water main which resulted in the near death of several people, closed a section of freeway for hours, and washed away two houses - of course they said not their fault and have refused to pay. And it is supposed to be all in the name of progress.

73
Ray

Einstein once said, "Only two things are infinite: the universe and human stupidity, and I'm not sure about the universe."
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2r SOC#78
El Paso (Far West), Texas

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 25 Jun 2001 05:19:31 -0700
From: Tim and Nancy Logan <cyr999@extremezone.com>
To: qrp-1@Lehigh.EDU
Subject: [100830] K2 Sold
Message-ID: <3B372C53.338A1A0D@extremezone.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Elecraft K2 I advertised aa few days ago was sold this weekend. Thank you to those who inquired and to the list managers for operating the list. Now its time to build the K2 sitting in front of me!!!! (The

one I sold was built for me). Thanks again. Tim Logan KB7OEX

Date: Mon, 25 Jun 2001 08:44:46 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [100831] John (KB1ENS) passed his Extra
Message-ID: <d3.16a6ea3b.28688c3e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 6/24/2001 11:54:00 PM Eastern Daylight Time,
n1bq@wulfden.org writes:

> John (KB1ENS) passed his Extra

WAY TO GO JOHN! CONGRATS!!!!

-MAC-
AF4PS

Date: Mon, 25 Jun 2001 08:07:16 -0500
From: "Jim" <sunwatt@starband.net>
To: <qrp@yahogroups.com>, "QRP-L" <qrp-L@Lehigh.edu>
Subject: [100832] mW FD
Message-ID: <008701c0fd77\$c8b4c6c0\$9a354794@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well I wasn't able to go all out this time due to other things going on
around here. But managed to spend 1 hr on the air Saturday to experiment
with low power.

After one hour on 15M CW running 250mW I had 30 QSO's.

When there is lots of action like FD, 250mW is all you need to have plenty
of fun.

You can run 250mW for an hour on almost ANY size battery, and charge it with
a \$20. solar panel. The kind you put on your dashboard, and plug into the
power plug.

Cheap thrills.

Jim KJ5TF
"All Milliwatts, All The Time"

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.262 / Virus Database: 132 - Release Date: 6/12/2001

Date: Mon, 25 Jun 2001 09:53:28 -0400
From: John Wagner <john@neknetwork.com>
To: nvqs@smartgroups.com
Cc: NJ-QRP List <njqrp@njqrp.org>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Bill and Joyce Stutz <BillStutz@aol.com>,
W1SLR - Sara <sara@wulfdan.org>, W1MOO List <w1moo@smartgroups.com>
Subject: [100833] Re: [NVQS] Field Day 2001 - NVQS ... with pride (moderately long)
Message-ID: <3B374258.9B9200BF@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a couple comments, the most important being a HUGE thank you to Brian who continually went above and beyond the call to make this effort a success. No effort this complex is possible without leadership and Brian certainly stepped up to the plate and hit a home run in that department. Everyone got to operate there "mode of choice" and try a few others. Everyone had fun - and that means a lot.

Thank you Brian.

Also, I'm quoting the contact info below because as a pretty 100% CW op, the USB contact that Jay made below on 15m to New Zealand on 5 watts of power was by far and away the most exciting one for me during FD. Jay quickly followed that up with HI, AK and pretty much the entire west coast. I knew people did QRP SSB but I never tried it. Jay worked the FD like an expert, it was awesome. Oh yeah, he makes some pretty hot Chili... ;0 (just kidding, that stuff had a kick!)

73 de John, KB1ENS

"Brian B. Riley, N1BQ" wrote:

>

> Just a few quick words about the Northern Vermont QRP Society's first
> ever Field Day ...
>
<snip>
>
> - Jay (KK1J) - was sitting there running the FT817 into the 40 meter
> delta loop on 15 meters and heard a ZL station saying he needed one
> state for WAS and had the other guy heard any VT stations on? Jay jumped
> on, the guy asked if he was kidding, he said no, and he worked him!
>
> 72/73 de brian, n1bq
>
> --
> N1BQ-3 @ 44 31.73N 072 51.55W
> WideN-N digi and weather station in Underhill Center, VT
> <mailto:n1bq@wulfden.org>
> NoVT QRP Society <<http://www.wulfden.org/NVQS/>>
> AMSAT LM-1418 NJQRP #274 ARS #915
> QRP-L #2276 Zombie #768 NVQS #002
>

--
John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Mon, 25 Jun 2001 10:11:19 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <gzimmer@optushome.com.au>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100834] Re: Code practice on our frequency
Message-ID: <1010525101119.KAA17418@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 6/22/01 11:40 PM, Graeme Zimmer at gzimmer@optushome.com.au wrote:

>
>
>> Digital modes such as packet, PSK31, and RTTY
>
>This is stupid.
>
>CW by its very definition is a Digital mode.

Just a clarification, Zim.

While, technically, I'd agree with you -- CW is just digital OOK (on-off keying) modulated using a code invented by Mr. Morse.

However, here in the US, the regulations view CW and other digital modes differently.

CW is allowed in all parts of the band, whereas other digital modes are restricted to the "digital" parts of the band.

>The band-allocation test should be simply whether the mode is Narrow or
>Wide-band.....

That's not how the FCC has written the regulations here in the US. The FCC distinguishes between three basic forms of modulation: CW, digital and analog. Analog includes Voice, FAX, SSTV, etc.

Naturally, other countries have different regulations. MOST governments do NOT restrict frequencies according to mode.

>When the "gentleman's agreements" were written, CW was the only narrow-band
>mode in existence.

When everyone says "gentlemen's agreements" it would be nice to know which agreements are specified. The ARRL has a set of band plans, and a "Considerate Operators Frequency Guide". There are certainly parts of both the band plan and the frequency guide that have been edited since other digital modes have come to the fore. (RTTY has been in use since just after WWII)

>There is no reason why all "Narrow-Band" modes such as CW and PSK31 cannot
>co-exist in perfect harmony.

Agreed. 100%

>For the sake of the future of AR we need to encourage experimentation in
>narrow band modes.

Agreed. 100%.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Mon, 25 Jun 2001 07:25:41 -0700 (PDT)

From: N1EU <n1eu@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [100835] Keyer Question
Message-ID: <20010625142541.1368.qmail@web14606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hoping some folks out there could help out with a
coupla questions:

Anyone have contact info for that keyer being offered
at the FDIM Vendor Night by those gents from the
Japanese QRP Club?

Any suggestions on a currently offered mini keyer with
speed pot and at least two separate memory pushbutton
switches?

Tnx/73,
Barry N1EU

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Mon, 25 Jun 2001 16:51:46 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: <n1eu@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [100836] Re: Keyer Question
Message-ID: <02af01c0fd86\$604edd00\$2b8f01d9@ingo>

Hello Barry,

> Anyone have contact info for that keyer being offered
> at the FDIM Vendor Night by those gents from the
> Japanese QRP Club?
>
> Any suggestions on a currently offered mini keyer with
> speed pot and at least two separate memory pushbutton
> switches?

Was it a TICK-1 or TICK-4 so see by Kanga UK ?

<http://www.kanga.demon.co.uk/kits.htm>

I don't know whether Kanga US also offers these. Ask Bill, N8ET, themselves for it.

Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

72 de Ingo, DK3RED

E-Mail: dk3red@qsl.net - Homepage: www.qsl.net/dk3red

Date: Mon, 25 Jun 2001 09:53:14 -0500
From: "Brian Murrey" <bmmurrey@amexol.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100837] Re: John (KB1ENS) passed his Extra
Message-ID: <007a01c0fd86\$90936e40\$70312bd1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good job John!!

I gotta do it...I just gotta do it....

I was a Tech Plus for 11 years, so I have about 7 more years to be a General.

----- Original Message -----

From: <Macstein@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, June 25, 2001 7:44 AM
Subject: John (KB1ENS) passed his Extra

> In a message dated 6/24/2001 11:54:00 PM Eastern Daylight Time,
> n1bq@wulfden.org writes:
>
> > John (KB1ENS) passed his Extra
>

> WAY TO GO JOHN! CONGRATS!!!!
>
> -MAC-
> AF4PS
>

Date: Mon, 25 Jun 2001 10:56:29 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <aa4lr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100838] Was: Code practice on... Now: Define CW
Message-ID: <002901c0fd87\$592fefe0\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> >> Digital modes such as packet, PSK31, and RTTY
> >
> >CW by its very definition is a Digital mode.

Ok, now time for a DIFFERENT direction to this discussion!

Yes, CW is technically a digital mode, what kind of definition actually would separate that from a more 'commonly defined' digital mode.

I can see that you could specify CW as the special case digital mode of 'on/off' keying using a single pure frequency in the on state, and data modulated as timing of the on condition in one of two timing ranges, being related as approximately a 3:1 ratio.

Why bother you ask? Well, sooner or later, someone is going to 'go digital' and claim they are CW, or a variant of CW. Heck, they could even go real equivilent of IMC just at 100wpm (hmm, the bandwidth would really start climbing...) or even more, computer generated, and then say "Hey, it's CW!" and work anywhere. (And yes, I DO realize that really only applies to very small parts of 6 and 2, but this is just a thought exercise. For now.)

Yes, I realize 'real digital' modes would be more efficient.

So, if we're going to 'get technical' and define CW as a 'digital mode', let's think about what really defines it. And if we HAD to, define it well enough to make a definition that would separate the man from the machine.

Hey, it's for fun people!

Mike

Date: Mon, 25 Jun 2001 11:09:02 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'ac7a@gci-net.com'" <ac7a@gci-net.com>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [100839] RE: Odd intference on 40 mtrs. during FD
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3340@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

That is a new one on me. What I would like to ask is that anyone hearing these sorts of odd interfering sounds record them. I am collecting "RFI sounds" and as we can ID them with specific causes, we will start getting them up on ARRL's web site. I would like about 30 seconds of steady state, followed by some slow tuning up and down the band, recorded in both SSB mode with about 2.5 kHz bandwidth and, if possible, in the AM mode with about 6 kHz bandwidth.

Send any .wav files or cassette tapes to me at HQ, along with as much info as you have about the source, time of day, skywave or local, etc.

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Thomas Kuehl [mailto:ac7a@gci-net.com]
> Sent: Sunday, June 24, 2001 5:04 PM
> To: Low Power Amateur Radio Discussion

> Subject: Odd intference on 40 mtrs. during FD
>
>
> Howdy,
>
> Due to my concern about the weather the last few days here
> in southern Arizona, I decided to operate Field Day from the
> safety of my home; 1E with QRP. We had 3 days of violent
> Monsoon-type weather prior to Saturday. It not something you
> want to be outside and exposed to during its wrath. The
> lighting and sideways rain can be intimidating and
> dangerous.
>
> Anyway, while operating on 40 meters this morning, I
> observed a very strong and noisy interference. It was a
> wideband noise that had a rotation-like characteristic; kind
> of like the recorded sound of a pulsar. The noise extended
> above, below and in the band, spaced about every 90KHz. It
> bled all over the frequencies in between.
>
> I hadn't ever heard this before and was wondering if I am
> the only one that heard it (maybe a new local, RFI source)?
>
> Best regards, Thomas - AC7A (Tucson)
>

Date: Mon, 25 Jun 2001 09:23:06 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: <Macstein@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100840] Re: John (KB1ENS) passed his Extra
Message-ID: <Pine.LNX.4.33.0106250922340.5826-100000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well done John....GOOD FORM OM!...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

On Mon, 25 Jun 2001 Macstein@aol.com wrote:

> In a message dated 6/24/2001 11:54:00 PM Eastern Daylight Time,
> n1bq@wulfdn.org writes:
>

> > John (KB1ENS) passed his Extra

Date: Mon, 25 Jun 2001 11:18:13 -0400
From: "Alex Turner" <aturner13@triad.rr.com>
To: <ranchonodinero@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [100841] Not able to post
Message-ID: <002c01c0fd8a\$0d233820\$9ede1a42@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Test from N4BYJ
----- Original Message -----

Date: Mon, 25 Jun 2001 08:28:32 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [100842] Re: Keyer Question
Message-ID: <20010625152832.76031.qmail@web14605.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

A note of thanks for the many responses. Appreciate
the suggestion of the K1EL keyer, which seems to fit
the bill.

Tnx/73,
Barry N1EU

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Mon, 25 Jun 2001 08:30:01 -0700 (PDT)
From: agtaylor@llnl.gov
To: qrp-l@lehigh.edu
Subject: [100843] Re: Field Daze: Report from the N6WG group

Message-ID: <200106251530.IAA15703@poptop.llnl.gov>
MIME-Version: 1.0
Content-Type: TEXT/plain; CHARSET=US-ASCII

Three stations (CW) at N6WG. Bob, N6WG, was primary op on 40, W7AMK and WA6NAE did 20m, and I was solo on 15m. Gain wire antennas on all 3 bands.

The K2 (still not sold) and the ZM2 (sold!) did a wonderful job into the 15m bisquare. Saw the AEA Antenna Analyzer in action and am VERY impressed.

Bob was using his K2 on 40 with a wire 3 el yagior inv dp and the other team had a new FT718 to the parasitic half square beam.

.....

The economy must really be flat. No offers on either the K1 or K2. And I will certainly not give these rigs away. Trying to get some cash together for a tower.

See you on the bands.

K7GT

--

Allan G Taylor

agtaylor@llnl.gov

Date: Mon, 25 Jun 2001 11:36:25 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: "'w1rfi@arrl.org'" <w1rfi@arrl.org>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100844] RE: Odd inference on 40 mtrs. during FD
Message-ID: <078F21595FA7D411B87B00805FA728E64A489A@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Come to think of it... I was on 40 CW for about 15 minutes and heard a sound that sounded like microwave oven radiation. I assumed someone in the neighborhood was cooking something big (besides themselves with the leakage)

and was going to be on for a long time. It was wideband as previously described. I gave up with the noise and went back on 20 CW where it was clear.

Jerry
W3CDE
Atlanta, GA

Date: Mon, 25 Jun 2001 11:39:12 -0400
From: "Alex Turner" <aturner13@triad.rr.com>
To: <aturner13@triad.rr.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [100845] Re: Not able to post
Message-ID: <003401c0fd8c\$fbf59b80\$9ede1a42@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry for the testing, but I am unable to post if I create a "new" message. I can use reply all and it works. I have checked the configuration of Outlook Express and everything is ok, all set for plain text. I can post to other lists ok. I wonder if somehow I am blocked. Does anyone know the manager and could check, I have left several emails at the Lehigh.EDU manager, but no response yet.
Thanks

Alex Turner N4BYJ

----- Original Message -----
From: Alex Turner <aturner13@triad.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, June 25, 2001 11:18 AM
Subject: Not able to post

> Test from N4BYJ
> ----- Original Message -----
>

Date: Mon, 25 Jun 2001 07:56:41 -0600
From: "al dawkins" <alk0frp@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [100846] FD W0CQC
Message-ID: <018001c0fd7e\$a9c46160\$1b00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Field Day report from raw score off the logging computers
10 ops 8004 ft el at Rampart Range Road Sunset point
15/40 meter CW 4 el mono 40 ft 774 Q's
20/10/80 meters 4 el 20m mono 50 ft/3 el 10m mono 20 ft, 80m dipole 60 ft CW
789 Q's
SSB stn all bands 3 el tribander 30 ft/ dipoles in trees 30 ft up for
40/80m 540 Q's
VHF/UHF 207 Q's 2/6/70cm, all on 10 ft mast, 6m open only to Texas and
California.

Total Q's 2310

score 19375 before bonus and it looks like 900 bonus points
20,275

Last year 2 A battery 17310

The old 1984 record for 3A battery was 18610

Now if no other group beat us we may have done it but the question still
looms until we get the results on the web or QST later this year. An early
Christmas present in December.
Al K0FRP

Date: Mon, 25 Jun 2001 11:06:50 -0500
From: "Patrick Cummins" <pcummins@misnet.com>
To: <qrp-1@Lehigh.EDU>
Subject: [100847] Ferite toroidal cores
Message-ID: <000301c0fd90\$dad9d200\$bad294d0@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi there:

Does anyone know of a good way to break a ferrite toroid into two symmetrical peices?
I know that this sounds stupid but I am trying to make a clamp on current probe for my O'scope.
I could I suppose cut the core with a jewlers saw and a fine blade but is there an easier way?

Thanks for any help/replies received.

Patrick S. Cummins W5PSC

pcummins@misnet.com

Date: Mon, 25 Jun 2001 11:07:14 -0500
From: "Miller, Mark G" <mark.miller@mcaap.army.mil>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [100848] K5DP Philmont Backpacking Trek, July 1-11
Message-ID: <65772B8753A7D211897D00008C7F4931A01AECBAE@mcalestr-emh3.army.mil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

K5DP will be operating from the trail at the Philmont Scout Ranch from July 1 through 11. Philmont is located in northern New Mexico near Cimarron. It is in Colfax County, grid square DM76. I will be operating in the evenings as time permits. I'll have to dodge the thunderstorms and kitchen duties, but I anticipate that operation will be sometime between 0100z and 0330z. The frequency will be around 14.060 MHz using a Small Wonders SW20+, RG176 dipole, and straight key.

The adventure itself will cover approximately 80 miles. All gear will be carried. Food and fuel pickups occur every 2-3 days. For last years trip to the Pecos Wilderness, which is near Philmont, see
<http://fpcmc.org/actpics/boyscout/alb2.html> .

72
Mark, K5DP

Date: Mon, 25 Jun 2001 11:07:22 -0500
From: "George, W5YR" <w5yr@att.net>
To: pcummins@misnet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [100849] Re: Ferite toroidal cores
Message-ID: <3B3761BA.1B0EFF88@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Check Radio Shack for their split-core RFI devices. A little large but might work.
Seems like there was such a meter described in CQ (?) some time ago using this device.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Patrick Cummins wrote:

>
> Hi there:
> Does anyone know of a good way to break a ferrite toroid into two
> symmetrical peices?
> I know that this sounds stupid but I am trying to make a clamp on current
> probe for my O'scope.
> I could I suppose cut the core with a jewlers saw and a fine blade but is
> there an easier way?

Date: Mon, 25 Jun 2001 18:07:16 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: <aturner13@triad.rr.com>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [100850] Re: Not able to post
Message-ID: <031101c0fd91\$024a8fa0\$2b8f01d9@ingo>

Hello Alex,

if you can do reply any mail and see this mails coming back to you, so it is also possible to write a new mail. I think that you use a wrong recipient by new mails. Check this out. It must by the same recipient like replied (?) mails. You can add the correct mail recipient by double click on the recipient of a right received mail.

72 de Ingo, DK3RED

E-Mail: dk3red@qsl.net - Homepage: www.qsl.net/dk3red

Date: Mon, 25 Jun 2001 11:33:21 -0400
From: "ZOOM" <kandrparker@sympatico.ca>
To: <pcummins@misnet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100851] Re: Ferite toroidal cores
Message-ID: <006801c0fd8c\$2ad31820\$3294fea9@robertpa>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes with a quick blow from a very sharp chisle. The toroid core must be placed on a surface which will allow for some give such as a hard rubber. Place the chisle on the toroid and with a quick fast blow, the toroid should break in two. Afterwards you can dress the ends with wet emery cloth. If it's a large toroid, you'll need two chisles hitting at the same time or the stress will break them unevenly. The other option is to use a cutoff tool in a dremel but use a face mask and of course always wear eye protection.

Regards,
Robert
VE3RPF

----- Original Message -----

From: "Patrick Cummins" <pcummins@misnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, June 25, 2001 12:06 PM
Subject: Ferite toroidal cores

> Hi there:
> Does anyone know of a good way to break a ferrite toroid into two
> symmetrical peices?
> I know that this sounds stupid but I am trying to make a clamp on current
> probe for my O'scope.
> I could I suppose cut the core with a jewlers saw and a fine blade but is
> there an easier way?
>
> Thanks for any help/replies received.
>
> Patrick S. Cummins W5PSC
>
> pcummins@misnet.com
>

>

Date: Mon, 25 Jun 2001 12:20:04 EDT
From: MikeHeit@aol.com
To: <mark.miller@mcaap.army.mil>, <qrp-1@lehigh.edu>
Subject: [100852] Re: K5DP Philmont Backpacking Trek, July 1-11
Message-ID: <49.cfb15dd.2868beb5@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Philmont, I'm soooooo jealous!

I did the same thing last year, it was my third trip out there, 2nd with QRP gear. Don't let the Philmont staff talk you out of the gear during the shakedown, I did in '98 and regretted it the whole trip!

Enjoy, and I'll listen for you here in Missouri in the evening!

73 de Mike, N0SO

In a message dated Mon, 25 Jun 2001 12:08:39 PM Eastern Daylight Time, "Miller, Mark G" <mark.miller@mcaap.army.mil> writes:

<< K5DP will be operating from the trail at the Philmont Scout Ranch from July 1 through 11. Philmont is located in northern New Mexico near Cimarron. It is in Colfax County, grid square DM76. I will be operating in the evenings as time permits. I'll have to dodge the thunderstorms and kitchen duties, but I anticipate that operation will be sometime between 0100z and 0330z. The frequency will be around 14.060 MHz using a Small Wonders SW20+, RG176 dipole, and straight key.

The adventure itself will cover approximately 80 miles. All gear will be carried. Food and fuel pickups occur every 2-3 days. For last years trip to the Pecos Wilderness, which is near Philmont, see <http://fpcmc.org/actpics/boyscout/alb2.html> .

72
Mark, K5DP
>>

Date: Mon, 25 Jun 2001 17:23:04 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [100853] Re: Keyer Question
Message-ID: <006601c0fd93\$201f0ea0\$a6c7883e@duron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A little closer to home (in Europe) Chris G3TUX sells the "Ticks".
www.g3tux.co.uk or email info@g3tux.co.uk

72/3
Tony - G4WIF

----- Original Message -----
From: "Ingo DK3RED" <dk3red@t-online.de>
?
>
> Was it a TICK-1 or TICK-4 so see by Kanga UK ?

Date: Mon, 25 Jun 2001 18:21:13 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: <pcummins@misnet.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [100854] Re: Ferrite toroidal cores
Message-ID: <031b01c0fd92\$f49175c0\$2b8f01d9@ingo>

Hello Patrick,

> Does anyone know of a good way to break a ferrite toroid into two
> symmetrical peices?
> I know that this sounds stupid but I am trying to make a clamp on
current
> probe for my O'scope.
> I could I suppose cut the core with a jewlers saw and a fine blade but
is
> there an easier way?

if you need only a chink/slit in the core so use CAREFUL a fine saw for
metall. So you will become an acurate chink/slit in the core and the
core will do solid/solid enough for handling. The inductivity will
change through the air in the round.

72 de Ingo, DK3RED

E-Mail: dk3red@qsl.net - Homepage: www.qsl.net/dk3red

Date: Mon, 25 Jun 2001 12:28:12 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <dk3red@t-online.de>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100855] Re: Not able to post
Message-ID: <002401c0fd93\$d7589320\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Also...

Do you support multiple names that can generate different 'from' lines
in your emailer?

Reply to the group for a posting and look at the from line. Then
generate
a new message and see if they are coming 'from' the same email
address.

Mike

Date: Mon, 25 Jun 2001 11:29:36 -0500
From: "Gene Sailsbury" <gsailsbury@mobil1.net>
To: "Low Power" <qrp-l@Lehigh.EDU>
Subject: [100856] PCB Board Wanted:
Message-ID: <00be01c0fd94\$0750d920\$68c03fd8@8tracker>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello:

I would like to purchase a Arizona ScQRPion 2N2222/40 Board to build Jim
Kortge's 2N2222. Arizona club does not have them anymore and I missed the
one Doug had for sale. So if you have let me know. Thanks.

73

Gene Sailsbury KC0IKY

Date: Mon, 25 Jun 2001 09:46:32 -0700 (PDT)
From: Bob cutter <ki0g@yahoo.com>
To: qrp-l@LeHigh.EDU
Subject: [100857] Classic QRP FS
Message-ID: <20010625164632.3969.qmail@web3102.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Conar 400 transmitter for sale, see latest QST p. 102.

Works, looks good, some xtals included. \$30.00 plus shipping.

72, Bob KI0G

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Tue, 26 Jun 2001 09:59:48 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-l@lehigh.edu>
Subject: [100858] KI6DS HUGE Sale updated list (Short, grin)
Message-ID: <02d901c0fe61\$69283760\$5ebdc03f@DougHendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow what a response. I could have sold 10 or 20 of some items. Here is what is left from the KI6DS Sale.

- 13. Kanga G-QRP Club Junk Box Special Transmitter Kit \$10 (unbuilt kit)
- 15. Kanga Spectrum Wave Meter Kit designed by Sir Tony Fishpool, G4WIF, \$25, (unbuilt kit)
- 19. G-QRP World's Smallest Though Hole Transmitter Kit, \$5, (unbuilt kit)
- 24. MFJ 9317 17 meter Cub CW transceiver kit, \$80, (unbuilt kit)
- 25. MFJ 9315 15 meter Cub CW transceiver kit, \$80, (unbuilt kit)
- 34. MFJ CWF-2 CW Filter, Gray cover, \$15

36. MFJ SBF-1 SSB Filter, Blue Cover, \$15
42. Wilderness Sierra with 1 Band Module (40 meters), KC-2 installed, \$250
44. G-QRP Club 4 Weekend Projects kit, \$25, (unbuilt kit)
47. 4 clock oscillator modules, 4 pin, 28.060 Mhz, used to build Fireball transmitters on 10 meters, \$3 each.
55. MFJ World Band Shortwave Radio Receiver, Model 8100, Built, \$50

Date: Mon, 25 Jun 2001 13:09:10 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: "'alk0frp@home.com'" <alk0frp@home.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100859] RE: FD W0CQC
Message-ID: <078F21595FA7D411B87B00805FA728E64A489E@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Geezzz... No wonder I had a hard time competing against them with 5 Watts and my Webster Band Spanner antenna mobile... 8-)

Jerry
W3CDE

-----Original Message-----
From: al dawkins [mailto:alk0frp@home.com]
Sent: Monday, June 25, 2001 9:57 AM
To: Low Power Amateur Radio Discussion
Subject: FD W0CQC

Field Day report from raw score off the logging computers
10 ops 8004 ft el at Rampart Range Road Sunset point
15/40 meter CW 4 el mono 40 ft 774 Q's
20/10/80 meters 4 el 20m mono 50 ft/3 el 10m mono 20 ft, 80m dipole 60 ft CW 789 Q's
SSB stn all bands 3 el tribander 30 ft/ dipoles in trees 30 ft up for 40/80m 540 Q's
VHF/UHF 207 Q's 2/6/70cm, all on 10 ft mast, 6m open only to Texas and California.

Total Q's 2310

score 19375 before bonus and it looks like 900 bonus points
20,275

Last year 2 A battery 17310

The old 1984 record for 3A battery was 18610

Now if no other group beat us we may have done it but the question still looms until we get the results on the web or QST later this year. An early Christmas present in December.

Al K0FRP

Date: Mon, 25 Jun 2001 13:34:44 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: kc8lah@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100860] Re: Hex Beam
Message-ID: <3B377634.E8EE66FB@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stuart Satrun wrote:

>
> All right guys...still reeling from FD 10M cw....what a nightmare..weak
> signals..noise on the band..qrp battery, 16A here in Michigan...K8UO is our
> new club call..but the 20 phone guy has this Hex Beam monobander and he says
> its great. Now as we all know, the phone guys can't be trusted...sorry
> Jerry....anybody using this thing...I don't know, but a 10m monobander is
> less that 200 bux. Whats the skinny?

It's a strange design using two W-shaped elements, with a hexagonal outer pattern. Only one element is driven, so it's a sort of two-element parasitic antenna with unusually-shaped elements. It appears to be built using flexible fiberglass spreaders and wire elements.

The HexBeam antennas, especially the multiband models, are a bit expensive for 2-element antennas, especially the multiband versions, but they are lightweight, and the smooth shape means the windload is low, so you can install them with rather modest supports and rotators. I haven't used one personally, but I have seen favorable reviews on eham.net and elsewhere. They have a web site: <http://www.hexbeam.com>

As for Field Day, I never got around to operating any 10M CW - I had a listen on Sunday morning, and the band was dead. I did some 10M QRP SSB

on Saturday, because we had a Tech Plus op who was eager to try it out, and had a bit of success - and that was using an old Cushcraft R3 as the antenna.

Date: Mon, 25 Jun 2001 11:10:28 -0700 (PDT)
From: Bob cutter <ki0g@yahoo.com>
To: qrp-1@LeHigh.EDU
Subject: [100861] Milliwatt FS
Message-ID: <20010625181028.3097.qmail@web3103.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

20 different issues for sale, \$40 and I ship USA.

1970-1, 1971-3, 1972-4, 1973-5, 1974-5, 1975-2.

72, Bob KI0G

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Mon, 25 Jun 2001 12:02:40 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "QRP-1 Forum (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [100862] FS: MC-60 Microphone
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B7714E@hq-expo2.filenet.com>

I know this is probably sacrilege on this list, but I have an MC-60 microphone that I'd like to part company with. I'd like \$40 and that includes shipping to your door.

The unit's condition is good but the audio is kind of low and it might need some looking into. After using it with my K2, I decided an MC-43 works just as well, is more compact, and -- well -- more transportable.

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Mon, 25 Jun 2001 15:59:53 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [100863] Shortened Doublet
Message-ID: <4d.d65beef.2868f239@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

There has been info shared in the past about the 44ft doublet for 40-10m and 88ft doublet for 80-10m. Has anyone tried the next step of 176 for 160-10m? I was curious if you experienced any loading problems on the upper bands. Alan KB7MBI

Date: Mon, 25 Jun 2001 20:18:55 -0000
From: "Tom Whalen" <wb5qyt@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [100864] New Email addr
Message-ID: <F125K8CACTz8RQyi0Jh000179df@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang, this will be my new email address....72, Tom

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Mon, 25 Jun 2001 16:21:54 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [100865] Re: Shortened Doublet, Lengthened Doublet
Message-ID: <000701c0fdb4\$79fc6aa0\$5d8798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The only "problem" you'll have is that as the wire gets longer, and the operating wavelength gets shorter, you leave the realm of "broadside" patterns and enter the "long wire" realm where the lobes approach the axis of the wire. If you're lucky, (like me) you can put up two at right angles and switch between them for best sig. Any problem with loading is usually cured by adjusting the length of the parallel feed line. I'm using two 88' doublets at right angles at about 60' ht., and really like the performance.

72 / 73,

"Seab" Lyon - AA1MY

Bethel, ME 04217 USA

FN44nj

Seabury & Sharon Lyon

99 Sparrowhawk Mtn Rd

Bethel, Me, 04217 U.S.A.

207-836-2576

----- Original Message -----

From: <ARDUJENSKI@aol.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, June 25, 2001 3:59 PM

Subject: Shortened Doublet

> There has been info shared in the past about the 44ft doublet for 40-10m
and

> 88ft doublet for 80-10m. Has anyone tried the next step of 176 for 160-10m?

I

> was curious if you experienced any loading problems on the upper bands.

Alan

> KB7MBI

Date: Mon, 25 Jun 2001 15:46:21 -0500

From: "George, W5YR" <w5yr@att.net>

To: ARDUJENSKI@aol.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [100866] Re: Shortened Doublet

Message-ID: <3B37A31D.55451B4E@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Yes, I ran a 178 ft 40-meter EDZ for quite some time very happily. It would load on 160, although I have never operated that band. It was very good on 80 - 10 and loaded readily on all bands with an MFJ 989C tuner.

I presently use an 88 ft 20-meter EDZ on 80 - 10 and it does a great job, especially on 40 and 20. The system is 42 ft of ladderline to a W2DU 1:1 current balun to 13 ft of RG-213 to the tuner.

It was my "Fox Gitter" last Fall and Winter (39/42) and got all but 2 of the Pesky Texans the other night - couldn't hear either one of them. It will be the main antenna for the 20-meter Summer Hunts starting Thursday night.

I think that it is one of the most effective wire antennas you can put up. Excellent performance and none of the critical loading problems you get with "resonant" multiband antennas.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

ARDUJENSKI@aol.com wrote:

>
> There has been info shared in the past about the 44ft doublet for 40-10m and
> 88ft doublet for 80-10m. Has anyone tried the next step of 176 for 160-10m? I
> was curious if you experienced any loading problems on the upper bands. Alan
> KB7MBI

--

Date: Mon, 25 Jun 2001 13:45:13 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [100867] Virulent threads
Message-ID: <00d601c0fdb7\$bcbe3b40\$1f137d3f@de11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Darn! First it was digital pictures, now it's who's using who's frequency! Will it never end? How about getting back to the subject of the list?

Bob NK7M

Date: Mon, 25 Jun 2001 17:12:40 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU
Subject: [100868] RE: Odd intference on 40 mtrs. during FD
Message-ID: <5.0.2.1.0.20010625171000.009fe0e0@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:09 AM 6/25/2001 -0400, Hare,Ed, W1RFI wrote:

>That is a new one on me. What I would like to ask is that anyone hearing
>these sorts of odd interfering sounds record them. I am collecting "RFI
>sounds"

Jeez I'm really sorry Ed. I recall our conversation in the Ramada parking
lot about the "collecting illness". I didn't realize you were this far along.

Deepest Sympathy

Phil

>73,
>Ed Hare, W1RFI
>ARRL Lab
>225 Main St
>Newington, CT 06111
>Tel: 860-594-0318
>Internet: w1rfi@arrl.org
>Web: <http://www.arrl.org/tis>

>
>
>

> > -----Original Message-----
> > From: Thomas Kuehl [mailto:ac7a@gci-net.com]
> > Sent: Sunday, June 24, 2001 5:04 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Odd intference on 40 mtrs. during FD

> >
> >

> > Howdy,
> >

> > Due to my concern about the weather the last few days here
> > in southern Arizona, I decided to operate Field Day from the
> > safety of my home; 1E with QRP. We had 3 days of violent
> > Monsoon-type weather prior to Saturday. It not something you
> > want to be outside and exposed to during its wrath. The
> > lighting and sideways rain can be intimidating and
> > dangerous.

> >

> > Anyway, while operating on 40 meters this morning, I
> > observed a very strong and noisy interference. It was a
> > wideband noise that had a rotation-like characteristic; kind
> > of like the recorded sound of a pulsar. The noise extended
> > above, below and in the band, spaced about every 90KHz. It
> > bled all over the frequencies in between.

> >
> > I hadn't ever heard this before and was wondering if I am
> > the only one that heard it (maybe a new local, RFI source)?
> >
> > Best regards, Thomas - AC7A (Tucson)
> >

Date: Mon, 25 Jun 2001 17:30:19 -0500
From: George Franklin <w0av@juno.com>
To: ARDUJENSKI@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [100869] Re: Shortened Doublet
Message-ID: <20010625.173020.-1661195.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Gang,

FWIW, I used a shortened (33 ft each side) dipole with 40 ft. random 450-ohm feedline on FD with my K2 and an MFJ 1/1 balun. The antenna was at about 25 feet, suspended at both ends and the center by convenient trees.

It worked extremely well 80 through 10 and tuned up OK on 160, all with the K2's internal tuner. No QSO's on 160 because couldn't find any SSB or CW stations to work; they were all regular ragchewers.

72 de George/W0AV

Date: Mon, 25 Jun 2001 16:57:34 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [100870] FOX: Summer Hunt Starts Thursday!
Message-ID: <3B376D7E.3413.ACE31C@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The QRP-L Summer Fox Hunt starts this thursday evening, at 0200Z, somewhere around 14.060.

The web site has been updated, and that's where you'll find the rules, schedule, information about the foxes, and progressive results for foxes, hounds, and teams.

Thursday's two foxes, K4FB and W8RU, should be posting their individual announcements here on Wednesday.

Good luck, and see you in the dogpile!

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

End of QRP-L Digest 2231

